"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

Wave in Equilibrium and Frozen Flow Dissociation 15

Ionov, V. P. Determining Parameters of a Gas Flowing Over a Conical Surface at High Velocity and Allowing for Gas Dissociation (Approximate Methods) 25

Bazhenova, T. V. Variations of the Gas Flow Velocity Behind a Shock in a Shock Tube 31

Bazhenova, T. V., and Yu. S. Lobasov. Effect of Ionizing Admixtures on the Absorption of Radio waves by the Gas Behind a Shock in a Shock Tube 36

Naboko, I. M. On the Development of Burning on an Obstacle in Deceleration of a Supersonic Gas Flow 42

Ionov, V. P., and A. A. Kon'kov. Irradiation Spectra of Diatomic Gases in Adiabatic Compression 46

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

Yeroshenko, V. M., M. G. Morozov, V. P. Motulevich, Yu. N. Petrov, and V. S. Pushkin. Gas Dynamics Installation With an IT-14 Interferometer 51

Morozov, M. G., V. M. Yeroshenko, and Yu. N. Petrov. Flow in Stagnation Areas on the Surface of Bodies in a Supersonic Flow of Air 60

Yeroshenko, V. M. Heat Exchange on a Porous Plate in a Supersonic Flow With a Supply of Gases of Various Physical Properties [Passing] Through the Porous Body 66

Yeroshenko, V. M. Heat Exchange on a Porous Surface of the Frontal Part of a Cylinder in a Longitudinal Supersonic Flow 76

Petrov, Yu. N. Heat Insulated Plate in a Longitudinal Supersonic Flow With the Presence of a Boundary Layer of Gas 81

Petrov, Yu. N. Cooling of the Frontal Surface of a Cylinder

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

With Local Supply of Refrigerant in a Longitudinal Supersonic Flow 89

Motulevich, V. P., V. M. Yeroshenko, and Yu. N. Petrov. Effect of Electrostatic Fields on Convective Heat Transfer 94

Motulevich, V. P., and G. P. Malyshev. Effect of Dissociation on Heat Exchange and Friction in a Plate in a Flow of Air 104

AVAILABLE: Library of Congress

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AC/rn/jw
11-6-61

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

S/124/62/000/003/007/052
D237/D301

10. 1200

AUTHORS: Bazhenova, T.V., and Predvoditeleva, O.A.

TITLE: Values of the parameters of air behind the rectilinear discontinuity of density and behind the reflected shock-wave, with dissociation either in equilibrium state, or absent

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 3, 1962, 15, abstract 3B74 (Sb. Fiz. gazodinamika i teploobmen, M., AN SSSR, 1961, 15 - 24)

TEXT: The parameters of air behind the incident and reflected plane shock-waves are calculated under the following assumptions on the state of gas behind the front wave: 1) The dissociation of air behind the incident and reflected waves has reached equilibrium. 2) Internal degrees of freedom of the molecules are excited behind the incident wave, but dissociation is absent, while behind the reflected wave equilibrium dissociation is reached. 3) Internal degrees of freedom are excited behind both incident and reflected waves, but there is no dissociation. 4) Neither dissociation nor addi-

Card 1/2

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tional degrees of freedom are present behind both incident and reflected waves. The results are presented in the form of tables and graphs. [Abstractor's note: Complete translation].

16

Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

L 13804-65 EWT(1)/EWP(m)/FCS(k)/EWA(h) Pd-1/Pi-4 AEDC(a)/ASD(d)/AEDC(b)/AFWL/SSD/BSD/ASD(f)-2/ASD(p)-3/AFIC(a)/AFETR/SSD(b) MLK

ACCESSION NR: AT4048010 S/0000/64/000/000/0080/0091

AUTHOR: Bazhenova, T. V.; Naboko, I. M.; Predvoditeleva, O. A.

TITLE: Effect of dissipation on flow parameters behind a shock wave in a shock tube

SOURCE: AN SSSR. Energeticheskiy institut. Fizicheskaya gazodinamika i svoystva gazov pri vy*sokikh temperaturakh (Physical gas dynamics and properties of gases at high temperatures). Moscow, Izd-vo Nauka, 1964, 80-91

TOPIC TAGS: shock tube, shock wave, shock wave attenuation, shock tube theory, laminar boundary layer, shock wave velocity

ABSTRACT: The phenomenon of variation of a shock-wave velocity along a shock tube is considered; such variation is the consequence of the gas state in the flow between the shock wave and the contact front. Various factors affecting the gas parameters behind a shock wave are studied. A brief survey of the available literature on shock-wave attenuation and contact-front acceleration is presented, showing that tube walls make a substantial difference in the one-dimensional theory

Card 1/2

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

L 13804-65
ACCESSION NR: AT4048010

of shock waves. The possibility of calculation of the flow parameters behind a shock wave is investigated on the basis of the available solution for the flow in a shock tube, taking the laminar boundary-layer effect into account. Gas parameters along the length of the shock tube are obtained from the shock velocity-variation function. The results of experimental measurements of the flow Mach number behind the shock wave are compared with the theoretical values of shock-wave velocity, and the deviations are discussed. Orig. art. has: 7 figures, 1 table, and 15 formulas.

ASSOCIATION: none

SUBMITTED: 06Mar64 ENCL: 00 SUB CODE: ME

NO REF SOV: 006 OTHER: 008 ATD PRESS: 3132

Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

L 12362-65 EWT(l)/EWP(m)/EWG(v)/FCS(k)/EWA(h)/EWA(l) Pd-1/Pe-5/Pi-4
BSD/AEDC(b)/AS(mp)-2/AEDC(a)/ASD(f)-2/AFWL/SSD/SSD(b)

ACCESSION NR: AT4048011 S/0000/64/000/000/0092/0099

AUTHOR: Bazhenova, T. V.; Predvoditeleva, O. A.; Nadezhina, T. V.

TITLE: Losses due to reflection of shock waves from the end of a shock tube

SOURCE: AN SSSR. Energeticheskiy institut. Fizicheskaya gazodinamika i svoystva gazov pri vy*sokikh temperaturakh (Physical gas dynamics and properties of gases at high temperatures). Moscow, Izd-vo Nauka, 1964, 92-99

TOPIC TAGS: shock tube, shock wave reflection, heat transfer, shock wave reflection loss, thermal flux

ABSTRACT: The authors experimentally investigated the energy losses due to shock waves being reflected from various types of end faces in a shock tube (losses caused by heat transfer to the tube walls). In this instance, flow bifurcation did not affect the flow structure. Brief descriptions of the apparatus and procedure are given. The pressures behind the reflected and incident shock waves and the velocities of the reflected shock wave were measured in nitrogen

Card 1/2

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

L 12362-65
ACCESSION NR: AT4048011

within a range of Mach 4 to 7, with an initial pressure of 12.7 mm Hg, then plotted in graphs. A comparison of the measured values of pressures and velocities with theoretical values shows the presence of losses which decrease the velocities of reflected shock waves by an average of 7 to 10%. Heat fluxes to the wall behind the shock wave were calculated by means of successive approximations. The results presented in graphical and tabular form show that time dependences of temperature and thermal flux are not constants. As the decrease in the velocity of the reflected shock wave is a consequence of the energy loss, the latter can be experimentally evaluated by the change in velocity. A numerical example given for a shock wave in nitrogen at M = 6.8, initial pressure 0.0167 atm, and reflected-wave velocity 570 m/sec shows that the energy losses due to shock-wave reflection caused by nonadiabatic processes are one order of magnitude smaller than the total energy losses. Orig. art. has: 8 figures.

ASSOCIATION: none

SUBMITTED: 06Mar64 ATD PRESS: 3126 ENCL: 00

SUB CODE: ME NO REF SOV: 006 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

L 2378-66 EWT(l)/EWP(m)/EWA(d)/FCS(k)/EWA(h)/EWA(c) WW

ACCESSION NR: AP5021264 UR/0020/65/163/005/1088/1091

AUTHORS: Gvozdeva, L. G.; Predvoditeleva, O. A.

TITLE: Experimental study of Mach reflection of shock waves at a velocity of 1000 to 3000 m/second in carbon dioxide gas, nitrogen, and air

SOURCE: AN SSSR. Doklady, v. 163, no. 5, 1965, 1088-1091

TOPIC TAGS: Mach angle, Mach number, shock wave, shock wave angle, shock wave reflection

ABSTRACT: An experimental study was made of the phenomenon of irregular reflection of strong shock waves in carbon dioxide, nitrogen, and air. The tests were conducted in a shock tube with section dimensions 72 x 72 mm^2. The length of the low pressure chamber is 4 meters and that of the high pressure chamber--1.5 m. Reflection occurred at angles of 16, 24, 28, 32, 36, and 45 degrees. Schlieren photography was used to record the shock wave reflection; thirty successive frames of the reflection process were taken with high-speed camera SFR-L with an exposure setting of 0.5 μsec and a frame transfer (reload) time of 4 μsec. The process was recorded also on an FR-185 photoregister. The experiments were designed so that values of angles between all waves of Mach configuration and

Card 1/2

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L 2378-66
ACCESSION NR: AP5021264

6

angles between the direction of motion of a ternary point and the inclined reflection surface could be determined. The experimental data show that in the case of strong shock waves the character of Mach reflection is different from the reflection of waves with Mach number $M_0 < 3$. Such variation is dependent upon the adiabatic constant and is more clearly obvious in CO_2 gas. Photographs of the reflection process are shown, and a plot is made presenting the variation of incidence and reflection angles for various values of initial propagation velocity. The authors sketched a coordinate system for referencing the process variables. The direction of A. S. Predvoditelev, corresponding member AN SSSR, is acknowledged. Orig. art. has: 3 figures.

ASSOCIATION: Energeticheskiy institut im. G. M. Krzhizhanovskogo, AN SSSR (Power Engineering Institute, AN SSSR)

SUBMITTED: 22Mar65 ENCL: 00 SUB CODE: ME

NO REF SOV: 004 OTHER: 004

BVK
Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

L 38277-66 EWP(m)/EWT(1)/EWT(m) WW/JW/GD

ACC NR: AT6022662 SOURCE CODE: UR/0000/66/000/000/0183/0191

AUTHOR: Gvozdeva, L. G.; Predvoditeleva, O. A.

ORG: none

TITLE: Peculiarities of the Mach reflection of shock waves in carbon dioxide and nitrogen at 2000 m/sec velocity

SOURCE: AN SSSR. Energeticheskiy institut. Issledovaniya po fizicheskoy gazodinamike (Studies of physical gas dynamics). Moscow, Izd-vo Nauka, 1966, 183-191

TOPIC TAGS: hypersonic aerodynamics, strong shock wave, shock wave diffraction, reflected shock wave, shock wave reflection, carbon dioxide, nitrogen

ABSTRACT: This paper presents an experimental investigation of the special features of the Mach reflection of shock waves at $M_0 > 5$ in carbon dioxide and nitrogen from

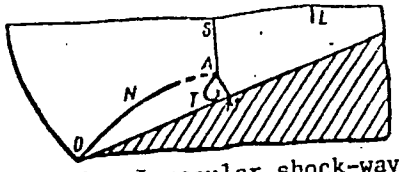

Fig. 1. Irregular shock-wave reflection in nitrogen

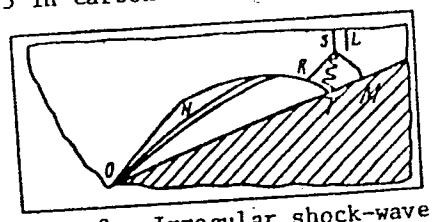

Fig. 2. Irregular shock-wave reflection in carbon dioxide

Card 1/2

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

L 38277-66

ACC NR: AT6022662

symmetrical wedges with apex angles α = 24, 28, 32 and 36°, with relaxation processes taken into account. The experimental setup and techniques used are described in detail. The diffraction patterns obtained from Schlieren photographs for nitrogen and CO_2 are given in Figs. 1 and 2. The results show that the triple point moves along a straight line inclined by a constant angle x with respect to the wedge surface. The presence of a second triple point was observed; in CO_2 the reflected shock wave is located below the trajectory of the triple point, while in nitrogen it is above it. The results of numerical calculations of three shock configurations for CO_2 and nitrogen where the shock polars were calculated by the method of successive approximations are given in tabular form. Analysis of the results obtained shows that the Mach reflection at shock-wave speeds of the order of 2 km/sec has significant features in comparison with weaker shock waves in the ideal gas, that is, the reflected shock in CO_2 has a break and its straight section near a triple point is located closer to the wedge surface than the triple point trajectory. The tangential discontinuities are found to be unstable and the three-shock theory is found to be in good agreement with results of experiments with CO_2 under the assumption of excitation of gas-molecule vibrations. Orig. art. has: 9 figures and 2 tables. [AB]

SUB CODE: 20/ SUBM DATE: 00/ ORIG REF: 007/ OTH REF: 005/ ATD PRESS: 5042

Card 2/2 JS

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

L 38389-66 EWT(1)/EWP(m)/EWT(m) WW/JW/GD

ACC NR: AT6022664 SOURCE CODE: UR/0000/66/000/000/0201/0202

AUTHOR: Predvoditeleva, O. A.

ORG: none

TITLE: Heat losses during shock wave reflection from a shock-tube end plate

SOURCE: AN SSSR, Energeticheskiy institut. Issledovaniya po fizicheskoy gazodinamike (Studies of physical gas dynamics). Moscow, Izd-vo Nauka, 1966, 201-202

TOPIC TAGS: shock wave thermodynamics, shock tube, heat transfer, shock wave reflection

ABSTRACT: This article describes an experimental investigation of heat transfer to the end plate of a shock tube when a shock wave in nitrogen and carbon dioxide at M = 6.6—8.5 is reflected from the end plate. The heat flux was determined from measurement of the end-plate temperature by means of a platinum resistance thermometer mounted flush with the plate. Although this method is not highly accurate, the order of magnitude of the heat flux makes it possible to consider the role of thermal losses in the reflection and further propagation of the shock wave. The results show that the total energy of the gas behind the reflected shock wave calculated from the reflected shock velocity is smaller than the gas energy behind the incident shock wave by 2—10% of the total value of losses observed during reflection of the shock wave. Orig. art. has: 3 figures and 1 table. [AB]

SUB CODE: 20/ SUBM DATE: 00Feb66/ ORIG REF: 002/ ATD PRESS: 5043

Card 1/1

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

BOROVSKIY, I.B.; PREDVODITOLOV, A.A.; TYAPUNINA, N.A.; ETINA, Ye.V.

Relation between impurity distribution and dislocations in cadmium crystals. Kristallografiia 7 no.4:600-603 Jl-Ag '62.
(MIRA 15:11)

1. Moskovskiy gosudarstvennyy universitet, Moskva.
(Dislocations in crystals)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

SHVIDKOVSKIY, Ye. G. ; TYAPUNINA, N. A.; PREDVODITELEV, A. A.

"Dislocation Structure and Dislocation Multiplication in Cadmium Crystals"
Paper was submitted at the International Conference on Crystal Lattice Defects at Kyoto, 7-12 Sep '62

(for Shvidkovskiy, Ye. G.) Inst. of Crystallography, Acad. of Sci., USSR
Leninsky Prospect 59, Moscow, V-333

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREDYBAYLO, Andrey Timofeyevich; RYABINSKIY, V.N., red.; FEKLISOVA, T.D., tekhn.red.

[Across hot Central Asia] Po znoinoi Srednei Azii. IAroslavl', Gos.izd-vo "Fizkul'tura i sport," 1959. 87 p. (MIRA 13:2)
(Soviet Central Asia--Description and travel)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREDYBAYLO, Andrey Timofeyevich; DOBROV, A.A., red.; SHPEKTOROVA, Ye.I., tekhn. red.

[Land of lakes, forests, and rivers] Krai ozer, lesov i rek. Moskva, Izd-vo "Fizkul'tura i sport," 1960. 54 p. (MIRA 14:7)
(Russia, Northwestern—Description and travel)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

S/613/62/000/019/003/006
B108/B186

AUTHOR: Preem, R.

TITLE: Calculation of the Franck-Condon integrals for a Morse oscillator by the method of generating functions

SOURCE: Akademiya nauk Estonskoy SSR. Institut fiziki i astronomii. Trudy. no. 19. 1962. Issledovaniya po teoreticheskoy fizike. 89-99

TEXT: The Franck-Condon integrals for a Morse oscillator with the eigenfunctions

$$\psi_n(u) = N_n e^{-\frac{u}{2}} u^s P_n(u), \tag{1}$$

$$s = s_0 - n, \quad s_0 = \frac{\sqrt{2\mu D}}{\beta\hbar} - \frac{1}{2},$$

$$u = (2s_0 + 1)e^{-\beta x}, \quad P_n(u) = F(-n;\ 2s+1;\ u),$$

Card 1/2

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

Calculation of the Franck-Condon ...

(notations as in K.K. Rebane, O.M. Sil'd, Trudy IFA AN ESSR, 12, 3, 1960) are calculated with the generating function ($n = 0$, $s_0 = s_0'$)

$$Q_0(l') = \left(\frac{1+l'}{1+\frac{2k}{1+k}l'}\right)^{s_0+s_0'}. \qquad (6a)$$

To overcome difficulties in numerical calculation when one of the vibrational levels has a large index, an asymptotic expression for the integrals is proposed which is obtained by expanding the generating function and by using an asymptotic expansion of the Laguerre polynomials occurring therein. An asymptotic formula derived here for absorption from the ground state gives good numerical approximations to the exact Franck-Condon integrals as calculated by Rebane and Sil'd. The discrepancy is less than 2%.

SUBMITTED: December 12, 1961

Card 2/2

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L 64710-65 EWT(1) IJP(c)

ACCESSION NR: AR5012267 UR/0058/65/000/003/D041/D042

SOURCE: Ref. zh. Fizika, Abs. 3D314

AUTHOR: Preem, R. A.; Purga, A. P.; Rebane, K. K.; Trifonov, Ye. D.; Khizhnyakov, V. V.

TITLE: Quasi-line electron vibrational spectra and their relationship to the Mössbauer effect

CITED SOURCE: Tr. Komis. po spektroskopii. AN SSSR, vyp. 1, 1964, 38-51

TOPIC TAGS: Mossbauer effect, vibration spectrum, electron spectrum, line spectrum, crystal vibration, Raman scattering

TRANSLATION: A short survey is given of theory which considers quasi-line electron vibrational spectra (the Shpol'skiy effect, impurities in ionic crystals) and "nuclear vibrational" spectra (the Mössbauer effect and its analogies) from a single point of view. Particular attention is given to new results on the following problems: 1) effect of temperature on quasi-line spectra with regard to local oscillations, narrow vibrational zones and sharp maxima in the distribution of Stokes losses or output energy from crystal vibrations; 2) local and quasi-stationary vibra-

Card 1/2

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

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ACCESSION NR: AR5012267

tions around an impurity, quasi-line contour and nature of vibrational relaxation; 3) possibility for the existence of a second (broad) resonance near the phonon-free line; 4) quasi-line spectra of Raman scattering by local vibrations.

SUB CODE: SS ENCL: 00

Card 2/2

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

[redacted], L.A., Kand. geol.-mineral. nauk; [redacted]

Measurement of soil moisture by [redacted] capron sorption recorder. Gidr. i mel. [redacted]

1. Gosudarstvennyy vsesoyuznyy [redacted] institut.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

WIERZYNSKI, Eugeniusz; PRZEPERA'SOW, Juliusz; TENNER, Julian; FALINSKI, Waldemar

Team work in the treatment of cancer of the upper jaw. Case report. Nowotwory 15 no.1:85-88 Ja-Mr'65.

1. Z Katedry i Zakladu Protetyki Stomatologicznej Slaskiej Akademii Medycznej w Zabrzu (Kierownik: doc. dr. Ciechowski); z Wojewodzkiego Szpitala Chirurgii Plastycznej w Polanicy Zdroju (Kierownik: dr. M. Krausz) i z Instytutu Onkologii w Gliwicach (Dyrektor: dr. med. J. Swiecki).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

ORNATSKIY, N.V.; PREFERANSOV, L.A.

Stations for observing subgrade water regimen and pavement performance. Avt. dor. 22 no.5:31-32 My '59.
(MIRA 12:8)

(Highway research)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREFERANSOVA, A.

"Water Conditions of Road Beds," Symposium on Regulations of Water Regimes of Road Foundations. Highway Publishing House, Moscow: 1946 (6-36).
(Meteorologiya i Gidrologiya, No 6 Nov/Dec 1947)

SO: U-3218, 3 Apr 1953

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREFERANSOVA, L.A., kand.geologo-mineralog.nauk

Results of the activity of an experimental station during two years. Avt.dor. 25 no.11:18-19 N '62. (MIRA 15:12)
(Highway research)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREGER, L.M.; RZHANITSYN, A.R., prof., nauchnyy rukovoditel' raboty

Experimental determination of critical forces. Trudy TISI 11: 138-147 '64.

Supercritical deformation of trapezoid and triangular plates. Ibid.:148-156 (MIRA 19:1)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

[redacted], [redacted].

37601. O protoplazmaticheskoy I regenerativnoy prirode bazofil'noy zernistosti Eritrotsitov. Trudy tomskogo med. in-ta im. Molotova, t. XV, 1949, s. 72-74

SO: Letopis' Zhurnal'nykh Statey, Vol. 37, 1949

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREGER, O.M.; GOLOSOV, O.S.

Characteristics and mechanism of the changes in the erythrocytes in various allergy periods. Vop.biofiz.,biokhim.i pat. crit. no.2:163-168 '61. (MIRA 16:3)
(ERYTHROCYTES) (ALLERGY)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

KREYMER, A.Ya.; PREGER, O.M.; BURNASHOV, I.G.

Use of the oxyhemometer for direct "reading" of electrophoregrams.
Lab.delo 7 no.7:58-61 Jl '61. (MIRA 14:6)

1. Tomskiy institut kurortologii i fizioterapii (nauchnyy rukovoditel' - prof. A.S.Saratikov) i kafedra patologicheskoy fiziologii (zav. - prof. D.I.Gol'dberg) Tomskogo meditsinskogo instituta.
(ELECTROPHORESIS)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

Tomsk. Meditsino-issledovatel'skiy institut vaktsin i syvorotok

Trudy, tom 11 (Transactions of the Tomsk Scientific Research Institute of Vaccines and Serums, Vol. 11) Tomsk, Izd-vo Tomskogo univ-ta, 1960. 347 p. 1,700 copies printed.

Editorial Board: A.G. Tsukhanov (Resp. Ed.) Director of the Tomsk Scientific Research Institute of Vaccines and Serums; S.F. Kazmyr (Deputy Ed.) Professor; Ye. I. Klyuyeva (Secretary); M.A. Matveyeva; and V.M. Popov (deceased); Tech. Ed.: A.T. Ovchinnikova.

PURPOSE: This collection of articles is intended for biologists, physicians, and medical personnel.

CONTENT: The collection contains 18 papers on problems of epidemiology and microbiology and 33 reports on the theory and practice of immunology. To avoid repetition of names of organizations in the table of contents the following abbreviations will be abbreviated: Tomskiy meditsinskiy issledovatel'skiy institut vaktsin i syvorotok [Tomsk Scientific Research Institute of Vaccines and Serums] as "Tomsk Institute"; Tomskiy meditsinskiy institut as "Tomsk Medical Institute"; Kafedra mikrobiologii Tomskogo meditsinskogo institute [Department of Microbiology of the Tomsk Medical Institute] as "Tomsk Department of Microbiology."

Buravtsova, L.A. (Tomsk Institute). On the Preparation of a Bacterial Antigen for Indirect Hemagglutination Reaction 225

Lazyuk, R. (Scientific Scientific Circle at the Department of Microbiology of the Tomsk Medical Institute). Indirect Hemagglutination Reaction as a Method for Determining Growth of Antibodies on Listeria 226

Buravtsova, Ye. I. (Tomsk Institute). Data for the Production of Antiencephalitis Serum 232

Tsukhanova, Z.G., and Ye.N. Bolgarina (Tomsk Institute). Use of Encephalitis Vaccine as an Antigen in the Production of Antiencephalitis Sera 238

Popova, S.V., A.P. Dilova, and N.G. Shishparenok (Tomsk Institute). Study of Bacterial Causes of the Epizootic Action of Serum Concentrated by the Ultrafiltration Method [at the Institute of Epidemiology and Microbiology Local Economy Administration M.P. Dzerlaya of the Leading of Medical Sciences USSR] and of the Possibilities of Disinfecting It 243

Tsukhanova, L.G., N.I. Permyakova, and K.A. Sinchik (Tomsk Institute). Experience in Producing Polyvalent Vaccine Against Spring-Summer Tick Encephalitis 250

Tsukhanov, A.G., L.A. Tsyganova, and K.P. Zolotina. On the Electric Capacity of Streptococcus Agalactiae Type Tick Encephalitis 255

Vasil'yeva, O.A. (Tomsk Institute). Department of Biochemistry of the Tomsk Medical Institute). Study of the Albumen Composition of Sera of Rabbits Bled by the Method of Electrophoresis on Paper in Immunizing Them With Dysentery Vaccine Antigens 261

Vasil'yeva, O.A. (Tomsk Institute; Department of Biochemistry of the Tomsk Medical Institute). Immuno-Biochemical Parallels in Obtaining Somme's Agglutinating Serum 266

Buravtsova, L.A. (Tomsk Institute). On the Method of Preparing Bacterial Agglutinating Sera 270

Buravtsova, L.A. (Tomsk Institute). The Effect of Various Preservatives, Time, and Storage Conditions on the Quality of Bacterial Agglutinating Serum 275

Buravtsova, L.A. (Tomsk Institute). Data on Preparation of Bacterial Typospecific Adsorbed Serums 280

Buravtsova, Ye.N. (Tomsk Institute). Accelerated Method for Obtaining Adsorbed Agglutinating Dysentery Serums 284

Vasil'yeva, O.A. (Tomsk Institute). The Significance of Merthiolate Antigen in the Production of Agglutinating Serums 288

Tsukhanova, L.G., Ye. I. Klyuyeva, and L.A. Yerokhina. On the Possibility of Using White Rats for Determining the Quality of Bacterial Preparations 292

Gerasimenko, A.P. (Tomsk Institute). Efficiency of the Method of Cutaneous BCG [Bacillus Calmette-Guérin] Vaccination in Tomsk 299

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREGER, S.M.; TURLYANTSEVA, N.G.; DUTOVA, A.P.

Comparative characteristics of the method of freeing serums from pyrogen. Trudy Tom NIIVS 12:246-250 '60 (MIRA 16:11)

1. Tomskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok.

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PREGER, S.M.; DUTOVA, A.G.

Purification and concentration of serums by the metod of peptic digestion with hydrochloric acid. Trudy Tom NIIVS 12: 242-245 '60 (MIRA 16.11)

1. Tomskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok.

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TRUKHMANOV, B.G.; PREGER, S.M.; SLOBODSKOY, R.M.

Correlation of antibody titers in serum-producing horses in double immunization against diphtheria and tetanus. Trudy TomNIIVS 14:207-212 '63. (MIRA 17:7)

1. Tomskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREGER, S.M.

Purification and concentration of antiencephalitic serum by the "Diaferm 3" method. Trudy TomNIIVS 14:224-226 '63. (MIRA 17:7)

1. Tomskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok.

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PREGER, S.M.; DIYAKONOVA, T.S.

Detoxication of a diphtherial anatoxin. Trudy Tom.NIIVS [M.] (MIRA 17:7)
199-201 '63.

1. Tomskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok.

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PREGER, S.M.; DUTOVA, A.P.; TURLYANTSEVA, N.G.

Study of some causes of the pyrogenicity of sera concentrated by the "Diaferm 3" method and the possibilities of its elimination. Trudy TomNIIVS 11:243-249 '60. (MIRA 16:2)

1. Tomskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok.
(PYROGENS) (SERUM)

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KASTAL'SKIY, Aleksandr Aleksandrovich, doktor tekhn. nauk, prof.; MINTS, Daniil Maksimovich, doktor tekhn.nauk, prof. Prinimali uchastiye: MIKHAYLOV, V.A., kand. tekhn. nauk; NOVAKOVSKIY, N.S.; ABRAMOV, N.N., doktor tekhn. nauk, prof., retsenzent; NIKIFOROV, G.N., kand. tekhn. nauk, dots., retsenzent; PREGER, Ye.A., retsenzent; BULYGIN, A.K., retsenzent; LIPKIN, Ye.V., retsenzent; VOZNAYA, N.F., kand. khim. nauk, retsenzent; BELOV, A.N., dots., retsenzent; AGRANONIK, Ye.Z., kand. tekhn. nauk, retsenzent; NOVIKOV, P.V., inzh., retsenzent; SHVARTS, R.B., inzh., retsenzent; KONYUSHKOV, A.M., kand. tekhn.nauk, nauchnyy red.; NIKOLAYEVA, T.D., red. izd-va; GOROKHOVA, S.S., tekhn. red.

[Water treatments for drinking and for industrial uses]Podgotovka vody dlia pit'evogo i promyshlennogo vodosnabzheniia. Moskva, Gos.izd-vo "Vysshaia shkola," 1962. 557 p. (MIRA 16:1)

1. Kafedra vodosnabzheniya Leningradskogo inzhenerno-stroitel'nogo instituta (for Nikiforov, Preger, Bulygin, Lipkin, Voznaya, Belov, Agranonik).

(Water--Purification)

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PREGEP, Ye.A., kand.tekhn.nauk

Inspection of systems constructed of asbestos-cement pipes.
Sbor. trud. LISI no. 41:7-11 '62. (MIRA 17:5)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

AGRANONIK, Ye.Z., kand.tekhn.nauk; BELOV, A.N., dotsent; GLADKOV, A.M., inzh.; GLUSKIN, S.A., inzh.; IVANOV, L.V., dotsent, kand.tekhn. nauk; LIPKIN, Ye.V., kand.tekhn.nauk; NIKIFOROV, G.N., dotsent, kand.tekhn.nauk; PESENSON, I.B., inzh.; PREGER, Ye.A., dotsent, kand.tekhn.nauk; PYATOV, Ya.N., inzh.; ROKHCHIN, Ye.Z., inzh.; FEDOROV, N.F., prof., doktor tekhn.nauk; SHVARTS, R.B., inzh.; SHIGORIN, G.G., dotsent, kand.tekhn.nauk; SHIFRIN, S.M., prof., doktor tekhn.nauk; ROTENBERG, A.S., red.izd-va; VORONETSKAYA, L.V., tekhn.red.

[Water-supply and sewerage manual] Spravochnik po vodosnabzheniiu i kanalizatsii. Pod red. N.F.Fedorova. Izd.2., ispr. i dop. Leningrad, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1960. 420 p. (MIRA 13:12)

1. Moscow. Vodokanalproyekt. Leningradskoye otdeleniye. (Water-supply engineering) (Sewerage)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

TURK, V.I., kand. tekhn. nauk, dots.; PREGER, Ye.A., dots., retsenzent; VERKHODANOV, M.Kh., inzh., retsenzent; ZANEVSKIY, M.S., dots., nauchnyy red.; SMIRNOVA, A.P., red. izd-va; BOROVNEV, N.K., tekhn. red.

[Pumps and pumping stations] Nasosy i nasosnye stantsii. Izd.2., perer. Moskva, Gos. izd-vo lit-ry po stroit., arkhit., i stroit. materialam, 1961. 332 p. (MIRA 15:2)

1. Kafedra vodosnabzheniya i kanalizatsii Leningradskogo inzhenerno-stroitel'nogo instituta (for Preger).
(Pumping machinery)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

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PREGER, Ye.A., kand.tekhn.nauk; FEDOROV, P.I.

Survey and analysis of butt joints of asbestos-cement pipes.
Sbor. trud. LISI no. 41:26-68 '62. (MIRA 17:5)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREGER, Ye. A., kand.tekhn.nauk; FEDOROV, P.I.

The new standard for asbestos-cement pipes. Sbor. trud. LISI no. 41:83-88 '62. (MIRA 17:5)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

AGRANONIK, Ye.Z., kand.tekhn.nauk; BELOV, A.N., dotsent; GLADKOV, A.M., inzh.; GLUSKIN, S.A., inzh.; IVANOV, L.V., dotsent, kand.tekhn. nauk; LIPKIN, Ye.V., kand.tekhn.nauk; NIKIFOROV, G.N., dotsent, kand.tekhn.nauk; PESENSON, I.B., inzh.; PREGER, Ye.A., dotsent, kand.tekhn.nauk; PYATOV, Ya.N., inzh.; ROKHCHIN, Ye.Z., inzh.; FEDOROV, N.F., prof., doktor tekhn.nauk; SHVARTS, M.B., inzh.; SHIGORIN, G.G., dotsent, kand.tekhn.nauk; SHIFRIN, S.M., prof., doktor tekhn.nauk; POPRUGIN, I.V., inzh., retsenzent; KATS, K.F., inzh., retsenzent; ROTENBERG, A.S., red.izd-va; VORONETSKAYA, L.V., tekhn.red.

[Manual of water-supply engineering and sewerage] Spravochnik po vodosnabzheniiu i kanalizatsii. Pod red. N.F.Fedorova. Leningrad, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1959. 410 p. (MIRA 13:3)

1. Moscow. Gosudarstvennyy proyektnyy institut Vodokanalproyekt. Leningradskoye otdeleniye.
(Water-supply engineering) (Sewerage)

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SOV/124-58-5-5357

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 56 (USSR)

AUTHOR: Preger, Ye.A.

TITLE: On the Operation of Pumps in Parallel (O parellel'noy rabote nasosov)

PERIODICAL: Nauchn. tr. Leningr. inzh.-stroit. in-ta, 1957, Nr 25, pp 51-58

ABSTRACT: It is pointed out that, in designing pumping stations in which pumps are to operate in parallell, the pressure required by the pumps is always calculated on the assumption that the pumps will operate simultaneously, feeding into the network their rated discharge of water. Hence, the anticipated output of newly installed pumps should be accepted to be exactly as stated in the catalog, and no correction factor should be introduced revising outputs downward---which oftentimes is done erroneously. When from a number of pumps already installed individual ones are shut off, or if additional pumps are installed (their functioning in parallel being assumed), the gross output for the group is affected. To determine the combined output of the pumps in such a case the author proposes an

Card 1/2

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On the Operation of Pumps in Parallel

analytical method based on the fact that the pressure required of the pumps, as determined from the network characteristic

$$H_c = c_o + c_2 Q_c^2,$$

must be equal to the compressor-plant pressure head

$$H = a_o + \frac{a_1}{n} Q_n + \frac{a_2}{n^2} Q_n^2$$

wherein n is the number of pumps operating in parallel, Q_n the gross output of the pumps operating in parallel, and c_o, c_2, a_o, a_1, and a_2 are known coefficients. The magnitude of Q_n as a function of n (the number of pumps) is determined from the formula

$$Q_n = \frac{-\frac{a_1}{n} \pm \sqrt{\left(\frac{a_1}{n}\right)^2 - 4\left(\frac{a^2}{n^2} - c_2\right)(a_o - c_o)}}{2\left(\frac{a_2}{n^2} - c_2\right)}$$

Card 2/2 1. Pumps--Operation 2. Pumps--Pressure V.Kh. Abiants
3. Pumps--Performance 4. Mathematics--Applications

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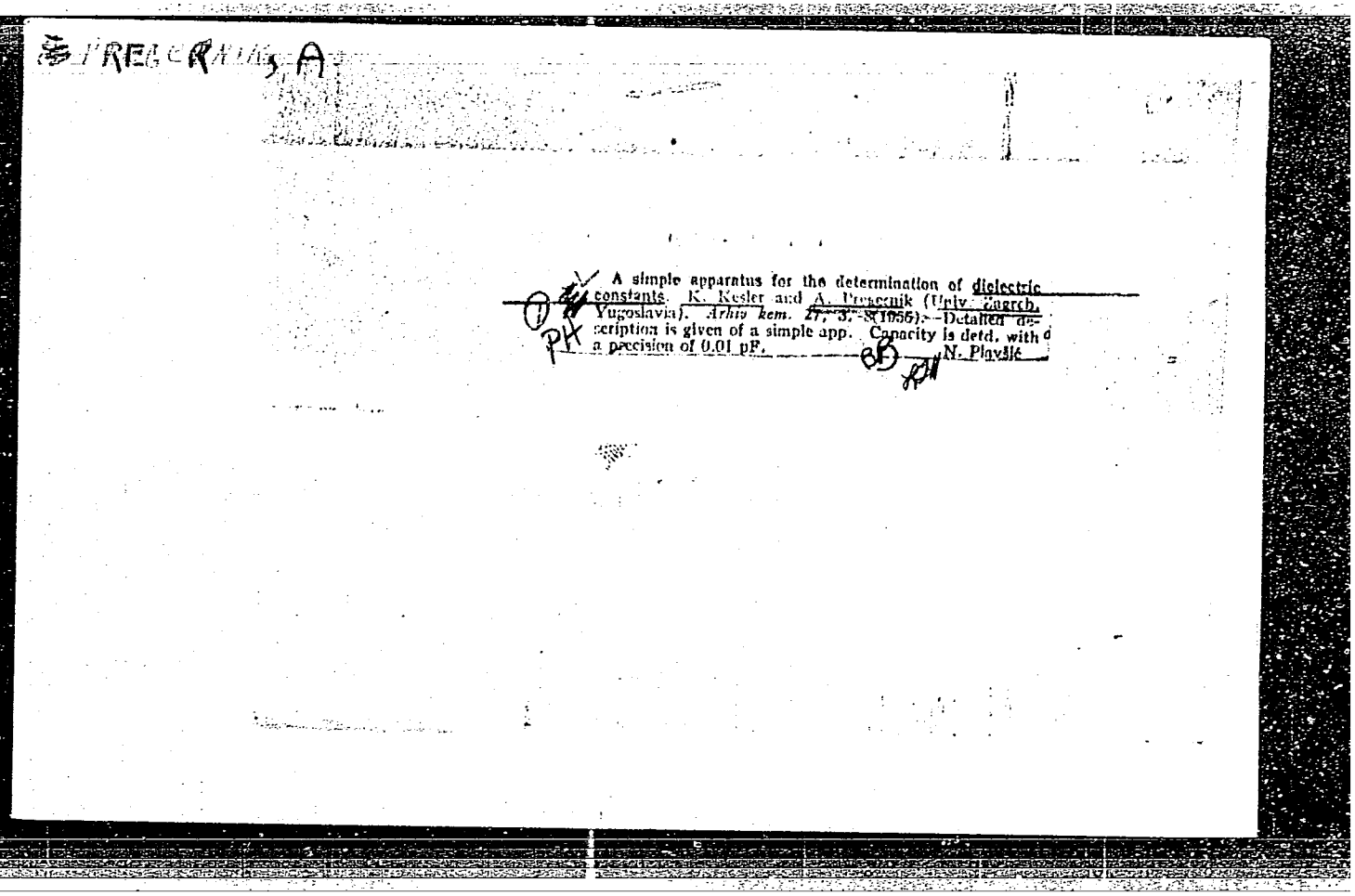

A simple apparatus for the determination of dielectric constants. K. Kesler and A. Prusenik (Univ. Zagreb, Yugoslavia). *Arhiv kem.* 27, 3: 8(1956).—Detailed description is given of a simple app. Capacity is detd. with a precision of 0.01 pF. N. Plavšić

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YUGOSLAVIA/Fitting Out of Laboratories - Instruments. H-
Their Theory, Construction, and Use.

Abs Jour : Ref Zhur - Khimiya, No 3, 1957, 8678

Author : Kesler, M., Pregernik, A.
Inst :
Title : A Simple Apparatus for Determining Dielectric Constants

Orig Pub : Arkhiv kemiju, 1955, 27, No 1, 37-38 (in Croatian with an English summary)

Abstract : The apparatus described is constructed entirely from commercial radio parts. Particular attention has been paid to the elimination of interference by the mutual capitance between the conductors and in the oscillator circuit. A sharper resonance curve has been obtained by the utilization of a coil with a ferromagnetic core. The accuracy of the capitance measurements attains 0.01 μμ f.

Card 1/1

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PREGL, G

Total photonuclear absorption in aluminum. M. V. Mihailović, G. Pregl, G. Kernel, and M. Kregar (J. Stefan Inst., Ljubljana, Yugoslavia). *Phys. Rev.* 114, 1621–2 (1959).—Max. of total photonuclear absorption cross section in Al is 100 ± 10 mb.; integrated cross section is estd. about 800 mb.-m.e.v. Jack J. Bulloff

6

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PREGL, G.

"Elementary foundations of nuclear physics." 3d ed. Reviewed by G.Pregl. Elektr vest 29 no.8/10:234 '61.

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EXCERPTA MEDICA Sec 5 Vol 12/7 General Path. July 59

1726. CANCER OF THE ZYMBAL'S GLANDS, LEUCOSIS AND OTHER RAT NEOPLASMS INDUCED BY 9:10-DIMETHYL 1:2-BENZANTHRACENE (Russian text) - Pregogena E. L. Inst. of Exp. Pathol. and Ther. of Cancer, Moscow - VOPR. ONKOL. 1958, 4/5 (536-543) Tables 1 Illus. 4

I.v. injection of 9:10-dimethyl-1:2-benzanthracene provoked tumours in 31 out of 40 female rats. In 23 cases there appeared mammary tumours, in 6 squamous cell cancer of the muzzle, in 3 leucosis and in 10 cancer of the uterus. Large doses provoked tumours of different localization in 23 out of 42 animals. In 8 cases out of this number there was squamous cell cancer of the muzzle, in 5 leucosis and in 3 cancer of the uterus. Eleven out of 16 tumours of the uterus were cavernous angiomas, 3 glandular polypi, 1 a polyp of the placenta and one a sarcoma. Out of 8 cases of leucosis, 3 were of the haemocytoblastic, 4 of the lymphatic and one of the reticular type. The localization of muzzle tumours in front of the outer auditory passage, the presence of elements of sebaceous glands in them, as well as peculiar organoid structures and little changed lobes of the complex sebaceous gland on the tumour periphery, prove that these tumours develop out of the Zymbal's gland, i.e. out of a complex sebaceous gland of the outer auditory passage.

(V, 16)

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DYMITROWSKA, Maria; PREGOWSKI, Wladyslaw; OMULECKA, Danuta; KAZANOWSKA, Wanda

Results of combined antibacterial and ACTH therapy of experimental ocular tuberculosis in rabbits. Klin.oczna 30 no.4:329-344 '60.

1. Z Kliniki Okulistycznej, Kierownik: prof.dr med. M.Dymitrowska; Z Kliniki Gruzlicy Pluc, Kierownik: doc. dr med. W.Pregowski; Z pracowni Kliniki Poloznicze-ginekol. A.M. w Bialymstoku, Kierownik: prof. dr med. S.Soszka.

(CORTICOTROPIN pharmacol)
(ANTITUBERCULAR AGENTS pharmacol)
(TUBERCULOSIS OCULAR exper)

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PREGOWSKI, Wladyslaw; SZWANKE, Halina

Early results of the treatment of 575 patients treated with extrapleural pneumothorax and in association with other interventions and antibacterial drugs. Gruzlica 24 no.5: 349-359 May 56.

1. Z Panstwowego Sanatorium Przeciwgruzliczego w Bystrej Slaskiej Dyrektor: dr. med. W. Pregowski, Panstwowe Sanatorium Przeciwgruzlicze w Bystrej Saskiej pow. Bielsko.
(TUBERCULOSIS, PULMONARY, therapy,
combined surg. & med. methods (Pol))
(PNEUMOTHORAX, ARTIFICIAL,
alone & other surg. & antibact. methods (Pol))

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREGOWSKI, M.

, POLAND / Pharmacology, Toxicology. Chemotherapeutic Agents. U-7

Abs Jour : Ref. Zh.-Biol., No 2, 1958, No 8184

Author : Pregowski, M., Broda, Z.

Inst :

Title : Intratracheal Infusion of the Hydrazide of Isonicotinic Acid in the Treatment of Cavitary Tuberculosis.

Orig Pub : Gruzlica, 1955, 23, No 1, 41-50

Abstract : Twenty-three patients with recent circumscribed cavities that were not amenable to surgical treatment, were given 100-200 mg of Polish manufactured isoniazid q.d. and as a 10% solution every other day via the intratracheal route. Seventeen patients had significant improvement, the status of 7 patients remained unchanged and 1 patient became worse. The same treatment in combination with other methods was

Card : 1/2

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PREGOWSKI, W.

In memoriam Witold Umiastowski, M.D. Gruzlica 33 no.7: 549-550 Jl '65.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREGOWSKI, Wladyslaw (Bialystok)

Effect of cyclic cortisone or ACTH therapy of 100 patients with pulmonary tuberculosis and 20 patients with pleural tuberculosis. Gruzlica 29 no.1:97-99 Ja '61.

(CORTISONE ther)
(CORTICOTROPIN ther)
(TUBERCULOSIS PULMONARY ther)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREGOWSKI, Wladyslaw

Production of pneumomediastinum in bronchoscopy. Gruzlica 31 no.6:610-615 Je'63.

1. Klinika Ftizjatryczna AM, Bialystok.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREGOWSKI, Wladyslaw; ZUKOWSKA, Halina; SZYMSKA, Eugenia

Inaccuracies in the estimation of antibacterial drugs in the blood serum with the aid of the vertical diffusion method. Gruzlica 29 no.3:259-264 Mr '61.

1. Z Kliniki Gruzlicy Pluc AM w Bialymstoku Kierownik: doc. dr med. W. Pregowski.

(ANTITUBERCULAR AGENTS blood)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

790. PRĘGOWSKI W. and SZWANKE H. *Wczesne wyniki leczenia 575 chorych wyłącznie odmą otrzewną oraz w skojarzeniu z innymi zabiegami i lekami przeciprątkowymi. Early results in 575 patients treated with pneumoperitoneum alone or combined with other measures or antimicrobial therapy GRUŹLICA 1956, 24/5 (349-359) Tables 4 Illus. 1

Early results of pneumoperitoneum in the treatment of pulmonary tb in 575 cases are discussed. The average time of treatment was 12 weeks. The classification of the patients as to the form of disease was as follows: disseminated tuberculosis in the phase of destruction 27.9% of the cases; infiltrative tuberculosis in the phase of destruction 19.3% of the cases; fibro-cavernous tuberculosis in the phase of destruction 35.4% of the cases. In 12.5% of the cases the cavity closed, in 67.2% its size diminished by at least one-third. The indications were divided into: typical, preparatory to surgical treatment, desperate and symptomatic. Best results (37.5% of cavity closure, and 57.5% of diminution by at least one-third) were obtained in this group in which pneumoperitoneum, phrenic crush, and antimicrobial drugs were applied. Cavities localized in the lower and middle lung fields responded best to the treatment and may be regarded as typical indications. Pneumoperitoneum applied as a preparatory measure before the surgical treatment might, in the combined treatment, give very satisfactory results, since it brings about decrease of lesions and even closure of the cavity, so that the plan of treatment is changed and becomes less extensive.

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PREGOWSKI, Wladyslaw (Bialystok ul. Kilinskiego 1/30.)

Further experimental comparative studies on isonicotinic acid content in lungs. Gruzlica 27 no.3:235-239 Mar 59.

1. Z Kliniki Gruzlicy Pluc A.M. w Bialymstoku p.o. Kierownika: dr med. Wl. Pregowski.

(ISONIAZID, metab.
lungs, in artif. pneumothorax & in normal lungs (Pol))
(LUNGS, metab.
isoniazid in rabbits, comparison of normal lung with lung collapsed in pneumothorax (Pol))
(PNEUMOTHORAX, ARTIFICIAL, experimental,
isoniazid in collapsed lungs, comparison with normal lungs in rabbits (Pol))

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREGOWSKI, Wladyslaw; BROKMAN, Stanislaw; STANSKI, Wiktor

On the problem of therapy of cavernous pulmonary tuberculosis. Polski tygod. lek. 14 no.44:1950-1952 2 Nov 59.

1. (Z Kliniki Gruzlicy Pluc A. M. w Bialymstoku; p.o. kierownik: dr med. Wl. Pregowski).
(TUBERCULOSIS PULMONARY, pathol.)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREGOWSKI, Wladyslaw; BRODA, Zbigniew; FRYCZ, Leszek; MALINOWSKI, Jozef

Treatment of 102 cases of tuberculosis with isonicotinic acid hydrazide. Gruzlica 22 no.4:273-281 Ap '54.

1. Z Panstwowego Sanatorium Przeciwgruzliczego w Bystrej Slaskiej. Dyrektor: dr med. Wl.Pregowski.
(TUBERCULOSIS, PULMONARY, therapy,
*isoniazid)
(NICOTINIC ACID ISOMERS, therapeutic use,
*isoniazid in pulm. tuberc.)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREGOWSKI, Wladyslaw; BRODA, Zbigniew

Intralaryngeal instillations of isonicotinic acid hydrazide in the treatment of tuberculous cavities. Gruzlica 23 no.1:41-50 Jan '55.

1. Z Sanatorium w Bystrej Slaskiej. Dyrektor: dr med. W. Pregowski Bystra Slaska, Sanatorium Przeciwgruzlicze.

(TUBERCULOSIS, PULMONARY,
cavitation, ther.,mintralaryngeal instillation of isoniazid)

(NICOTINIC ACID ISOMERS, ther.use
isoniazid in pulm.tuberc.cavitation, intralaryngeal

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREGOWSKI, Wladyslaw; MICHTA, Zbigniew

ACTH and pulmonary resection in a case of extensive bilateral fibro-cavernous tuberculosis with acute development. Gruzlica 24 no.12:1207-1211 Dec 56.

1. Z Sanatorium W Bystrej Slaskiej. Dyrektor: dr. med. W. Pregowski, p. o. ordynator lek. Z. Michta'. Adres: Bystra Slaska (Sanatorium Przeciwgruzlicze).

(PNEUMONECTOMY, in various diseases,
tuberc., fibro-cavernous, with ACTH (Pol))
(TUBERCULOSIS, PULMONARY, therapy,
ACTH, in fibro-cavernous bilateral tuberc., in pneumonectomy (Pol))
(ACTH, therapeutic use,
tuberc., fibro-cavernous, in pneumonectomy (Pol))

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREGOWSKI, Wladyslaw

Comparison of the most frequently used nomenclature of broncho-pulmonary and bronchial segments with the standardized nomenclature. Polski tygod. lek. 9 no.14:441-444 5 Apr 54.

1. Z Panstwowego Sanatorium Przeciwgruzliczego w Bystrej Slaskiej, dyrektor dr med. Wl.Pregowski.

(LUNGS, anatomy and histology,
nomenclature of bronchopulm. segments)
(BRONCHI, anatomy and histology,
nomenclature of bronchopulm. & bronchial segments)
(NOMENCLATURE,
of bronchial & bronchopulm. segments)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREGOWSKI, Wladyslaw; ZAGORECKA, Alicja

Results of the treatment of drug-resistant patients according to data obtained from clinics, hospitals and sanatoria. Gruzlica 32 no.8:647-653 Ag '64.

1. Z Kliniki Gruzlicy Pluc Akademii Medycznej w Bialymstoku (Kierownik: doc. dr. med. Wl. Pregowski).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

KOVACS, E.; PREHAL, G.

March hemoglobinuria. Orv. hetil. 94 no.24:666-668 14 June 1953. (CIML 25:1)

1. Doctors. 2. Hungarian People's Army Sanitation Service.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

CHOJNACKI, S.; JAROSIEWICZ, T.; PRELBISZ, Z.; ZYLICZ, J. 105

The mean number of conversion electrons per one decay of Tm
Acta physica Pol 25 no.3:417-425 Mr '64.

1. Institute for Nuclear Research, Department of Physics, Swierk near Warsaw.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREIDBISCH, J.

"Post-mortem Examinati[illegible] of Poultry", p. 13, (MEDYCYNA WETERYNARYJNA, Vol. 10, No. 1, Jan 1954, Warszawa, Poland).

SO: Monthly List of East European Accessions, (E AL), LC, Vol. , No. 5, May 1955, Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

MOSTER, Miroslav; PREISOVA, Juliana

Contribution to the origin of subretinal fluid. II. Mucoproteins in subretinal fluid. Cesk. oftal. 18 no.4:252-258 Jl '62.

1. Ocni klinika lekarske fakulty University J. Ev. Purkyne v Brne, prednosta prof. dr. J. Vanysek, DrSc.

(RETINAL DETACHMENT pathology)
(MUCOPROTEINS chemistry)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREGOWSKI, Wladyslaw; GOFRON, Wladyslaw; RAGANKIEWICZ, Jerzy

Development in indications for pleural adhesion surgery in the light of operations performed at the Bystra Slaska sanatorium. Gruzlica 24 no.1:49-60 Jan 56.

1. Z Panstwowego Snatorium Przeciwgruzliczego w Bystrej Slaskiej Dyrektor: dr. med. W. Pregowski, Sanatorium Przeciwgruzlicze Bystra Slaska.
(PLEURA, dis.
adhesions, surg. indic., statist. in Poland.
(ADHESIONS
pleural, surg. indic., statist. in Poland.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREGOWSKI, Wladislaw; GOFRON, Wladislaw; BRODA, Zbigniew

Clinical results of the treatment of pulmonary tuberculosis with combination isoniazid & T40; frequency of appearance of isoniazid resistant Tubercle bacilli. Gruzlica 25 no.9:709-714 Sept 57.

1. Z Panstwowego Sanatorium Przeciwgruzliczego w Bystrej Slaskiej. Dyrektor: W. Pregowski.

(TUBERCULOSIS, PULMONARY, ther.
salicylohydroxamic acid combined with isoniazid, eff. on isoniazid resist. M. tuberc. (Pol))

(SALICYLIC ACID, related cpds.
salicylohydroxamic acid combined with isoniazid in ther. of pulm. tuberc., eff. on isoniazid resist. M. tuberc. (Pol))

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREGOWSKI, Wladyslaw; DRZEWSKI, Zbigniew

Cases of surgical injuries of the thoracic duct. Polski tygod. lek. 11 no.7:310-312 13 Feb 56.

1. Z Panst. Sanat. Przeciwgruzliczego w Bystrej Slaskiej. dyrektor. dr. med. Wladyslaw Pregowski i z Zakladu Ftyzjochirurgii I.D. i S.K.L. w Zakopanem; kier. prof. dr. med. W. Rzepecki Panstw. Sanat. Przeciwgruzlicze w Bystrej Slaskiej.
(THORACIC DUCT, wounds and injuries, in surg. (Pol))
(SURGERY, OPERATIVE, complications, thoracic duct inj. (Pol))

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREGOWSKI, Wladyslaw

Segmental tuberculosis (views of a phthisiologist). Postepy hig. med. dosw. no.2:153-157 '60.

1. Z Kliniki Gruzlicy Pluc A.M. w Bialymstoku Kierownik: doc. dr Wl. Pregowski.

(TUBERCULOSIS PULMONARY)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREGOWSKI, Wladyslaw (Bialystok)

Effect of certain hormones (ACTH, cortisone, DOCA) in experimental tuberculosis. Gruzlica 29 no.1:70-72 Ja '61.

(CORTICOTROPIN pharmacol)
(CORTISONE pharmacol)
(DESOXYCORTICOSTERONE pharmacol)
(TUBERCULOSIS exper)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREGOWSKI, Wladyslaw

A method for the elimination of errors connected with the vertical diffusion technic used for the determination of active INH in the blood serum. Gruzlica 29 no.3:255-257 Mr '61.

1. Z Kliniki Gruzlicy AM w Bialymstoku Kierownik doc. dr med. Wl. Pregowski.

(ISONIAZID blood)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREGOWSKI, Wladyslaw.

Injections of INH solutions in short and surface- to surface pleural adhesions with Jacobaeus operations; reduced incidence of complications allowing wider indications. Gruzlica 23 no.8: 578 Aug 55.

1. Z Sanatorium Przeciwgruzliczego w Bystrej Slaskiej. Dyrektor: dr. W.Pregowski.

(PLEURA, diseases
adhesions, ther. isoniazid inject. with Jacobaeus operation)
(NICOTINIC ACID ISOMERS, therapeutic use
isoniazid in pleural adhesions, with Jacobaeus operation)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

TREHLIK, J.

Purification material and ammonium sulfate from waste ferrous sulfate. J. Prchlík, L. Hlinák, and C. D. Karlíková. *Palivá* 35, 157-62(1955).—An investigation was made to produce economically for gas-works purification material utilizing tech. $FeSO_4$ and waste NH_3-vapors for manufg. tech. $(NH_4)_2SO_4$. As a source for $FeSO_4$, pyritic end products from S burners were used, rich in Fe and low in S. A schematic diagram was prepd. for small gas works, whereby tech. $FeSO_4$ is connected with NH_3-contg. waste waters in order to reduce their NH_3 content and to purify them. In addn. these waters can be further used as fertilizer in agriculture. Jos. Lederer

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

FRIBISCH, Jerzy
SURNAME, Given Names

(2)

Country: Poland

Academic Degrees: [not given]
Affiliation: Faculty of Pathological Anatomy (Katedra Anatomii Patologicznej), Veterinary Division (Wydzial Weterynarii), Central School of Agriculture (SGGW -- Szkola Glowna Gospodarki Wiejskiej), Warsaw; Director: Prof. Heliodor SZWEJKOWSKI, Dr.

Source: Warsaw, Medycyna Weterynaryjna, Vol XVII, No 5, May 1961, pp 257-262.

Data: "Use of Histological Methods of Examination of the Reproductive Organ in Mares for Diagnosing Diseases of this Organ."

GPO 981643

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

SURNAME, Given Names

Country: Poland

Academic Degrees: [not given]

Affiliation:

Source: Lublin, Medycyna Weterynaryjna, Vol XVII, No 10, October 1961, pp 598-601

Data: "Tumor from the Granular Layer of the Graafian Vessicle of the Ovary in a Cow."

PREIBISCH, Jerzy, Department of Pathological Anatomy (Katedra Anatomii Patologicznej), Veterinary Department (Wydzial Weterynaryjny) of the SGGW [Abbreviation not identified], Warsaw; Director (Kierownik): Prof Dr Heliodor Szwejkowski

KOWALCZYK, Stanislaw, Department of Obstetrics and Reproductive Pathology of Animals (Katedra Poloznictwa i Patologii Rozrodu Zwierzat), Veterinary Department (Wydzial Weterynaryjny SGGW [Abbreviation not identified], Warsaw; Director (Kierownik): Prof Dr Roman Hoppe

GPO 981643

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

Warsaw, Medycyna Weterynaryjna, Vol 18, No 3, March 1962.

1. "Leucosmia in Cattle," Tadeusz ZULIŃSKI; 131-137.

2. "Magnetic Sonde and the Magnet 'Unico' in the Treatment and Prophylaxis of Traumatic Reticulitis in Cattle," Stanisław TARKIEWICZ of the Clinic for Internal Diseases (Klinika Chorób Wewnętrznych) of the Faculty of Veterinary Science (Wydział Weterynaryjny) of the Higher School of Agriculture (WSR) at Lublin (Director: Prof. Dr. Zdzisław FENIX); pp 138-141.

3. "Electric Shocks in Veterinary Practice," Mieczysław BIELECHOWICZ of the Wojewódzka Dyrekcja (WZ, Wojewódzki Zarząd) of State Agricultural Farms (PGR, Państwowe Gospodarstwa Rolne) at Elbląg Gorzi; pp 142-144.

4. "Fluctuations in the Form of Leptosomes in the Blood of Dogs," Jerzy PRUSISKI of the Pathological Anatomy Research Office (Zakład Anatomii Patologicznej) of the Faculty of Veterinary Science (Wydział Weterynaryjny) of the SGGW at Warsaw (Director: Prof. Dr. Edward SIWICKOWSKI); pp 144-147.

5. "Observations on the Use of the Vaccine 'R' Against Hemorrhagic Disease of Birds in Infected Flocks," Jerzy KITA and Antoni DZIURA of the Clinic for Infectious Diseases (Klinika Chorób Zakaźnych) of the Chair for Epizootiology (Katedra Epizootiologii) of the SGGW at Warsaw (Director: Prof. Dr. S. FIKOWARCZYK); pp 147-149.

6. "Bacteria S. gallinarum pullorum in Egg Mass," Adam CZARNOWSKI of the Wojewódzkie Veterinary Hygiene Research Office (Wojewódzki Zakład Higieny Weterynaryjnej) at Gdańsk (Director: Dr. Adam CZARNOWSKI); pp 149-150.

7. "Testing the Use of Bouillon with TTC (2, 3, 5 Tetrazolium Chloride) for the Determination of the Titre of E. Coli in Samples of Milk," Wiesław GLIŃSKI of the Wojewódzkie Sanitation And Epidemiological Station (Wojewódzka Stacja Sanitarno-Epidemiologiczna) and the Municipal Veterinary Research Office (Miejski Zakład Weterynaryjny) at Łódź; pp 151-157.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREIBISCH, J

POLAND/Zooparasitology - Parasitic Worms. G

Abs Jour : Ref Zhur Biol., No 1, 1959, 1009

Author : Preibisch, Jerzy
Inst : -
Title : Pathological and Anatomical Changes in Red Deer Caused by Wehrdickmansia cervipedis

Orig Pub : Acta parasitol. polon., 1956, 4, No 4, 101-106

Abstract : Changes in the skin of deer, caused by nematodes and exhibiting nodes containing numerous convolutions of parasites, were examined macroscopically and microscopically. Significant changes were observed in the host tissue of nodes containing dead parasites.

Card 1/1

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BA

AIII - 5

Clinical hematology of poultry. J. Preibisch (Polish). Arch. Weter., 1951, 1, 279—290).—A review. R. Truscon.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREIBISZ, Z.; PAWLAK, K.; STRYCZNIEWICZ, K.

Contribution to the investigation of Tm^{166} decay scheme.
Bul Ac Pol mat 11 no. 11:691-699 '63.

1. Institute for Nuclear Research, Warsaw. Presented by M. Danysz.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

CHOJNACKI, S.; KOPYSTYNSKI, J.; PREIBISZ, Z.; SOSNKOWSKI, R.; ZYLICZ, J.; YUTLANDOV, I.

Note on positron radiation from Pr^{140}. Acta physica Pol 20 no.12: 1021-1023 '61.

1. Institute for Experimental Physics, Polish Academy of Sciences, Warsaw, (for Chojnacki and Kopystynski). 2. Institute for Nuclear Research, Polish Academy of Sciences, Warsaw, (for Preibisz, Sosnkowski and Zylicz). 3. Joint Institute for Nuclear Research, Dubna, USSR, (for Yutlandov).

(Isotopes)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

P/045/61/020/012/004/004
B137/B104

AUTHORS: Chojnacki, S., Kopystyński, J., Preibisz, Z., Sosnowski, R., Zylicz, J., and Yutlandov, I.

TITLE: Note on positron radiation from Pr^{140}

PERIODICAL: Acta Physica Polonica, v. 20, no. 12, 1961, 1021 - 1023

TEXT: In their letter to the editor the authors report on an investigation of the positron spectrum of Pr^{140}. Measurements were made with a long-lens spectrometer in which helical baffles were applied to separate positron and electron radiations. The Pr^{140} isotope was obtained from a neodymium fraction separated from a tantalum target by the chromatographic method. The target was irradiated with 660-Mev protons (synchrocyclotron of the Joint Institute of Nuclear Research at Dubna). Nd^{140} contained in the Nd fraction decays into Pr^{140} by electron capture. The Kurie plot is a straight line from 350 kev up to the maximum energy of 2366 ± 24 kev B. S. Dzhelepov (Zh. eksper. teor. fiz., 37, 857 (1959); Izv. Akad. Nauk SSSR Ser. fiz., 22, 153 (1958); Papers presented at the Second Conference on Neutron Deficient Isotopes of the Rare Earth Elements, Joint Inst. of

Card 1/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

Note on positron radiation from Pr^{140}

P/045/61/020/012/004/004
B137/B104

Nuclear Research, Dubna (1959)) is mentioned. There are 1 figure, 1 table, and 10 references: 6 Soviet-bloc and 4 non-Soviet-bloc. The three references to English-language publications read as follows: Browne, C. J., Rasmussen, J. O., Surls, J. P., and Martin, D. F., Phys. Rev., 85, 146 (1952); Cameron, A. G. W., Canad. J. Phys., 35, 1021 (1957); Levy, H. B., Phys. Rev., 106, 1265 (1957).

ASSOCIATION: Institute of Experimental Physics, Warsaw University, Warsaw (Chojnacki, Kopystyński). Institute of Nuclear Research, Polish Academy of Sciences, Warsaw (Preibisz, Sosnowski, Zylicz). Joint Institute of Nuclear Research, Dubna, USSR (Yutlandov)

SUBMITTED: June 1, 1961

Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

P/046/60/005/011/014/018
D249/D303

AUTHORS: Chojnacki, S., Kopystyński, J., Preibisz, Z., Sosnowski, R., Yutlandov, I. (Dubna - USSR), and Żylicz, J.

TITLE: β^+ radiation of ^{140}Pr

PERIODICAL: Nukleonika, v. 5, no. 11, 1960, 788

TEXT: (Abstract - Report No. 148/I A (IBJ - Institute of Nuclear Research, PAS)): The spectrum of positrons emitted by ^{140}Pr was investigated using a long lens magnetic β-ray spectrometer. Helical baffles were used to separate positrons and electrons. The maximum energies of the three β^+ components are 2366 ± 12 keV ; 770 ± 12 keV ; 485 ± 15 keV; their relative intensities are: 1 :< $< 1.4 \times 10^{-2}$: 7.2×10^{-5}. [Abstractor's note: Complete translation].

Card 1/1

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

YURASOV, V. S.; BULYCHEV, V. V.; PREIGER, V. Ya.

The vectorcardiogram of healthy subjects. Cor vasa 4 no.2:114-124 '62.

1. The Department of Hospital Therapy of the II Moscow Medical Institute (Pirogov Institute), Moscow.

(VECTORCARDIOGRAPHY)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

FREIFERSON, G.I.,
K.A. SIMONOV, USSR 68,448, May 31, 1947.

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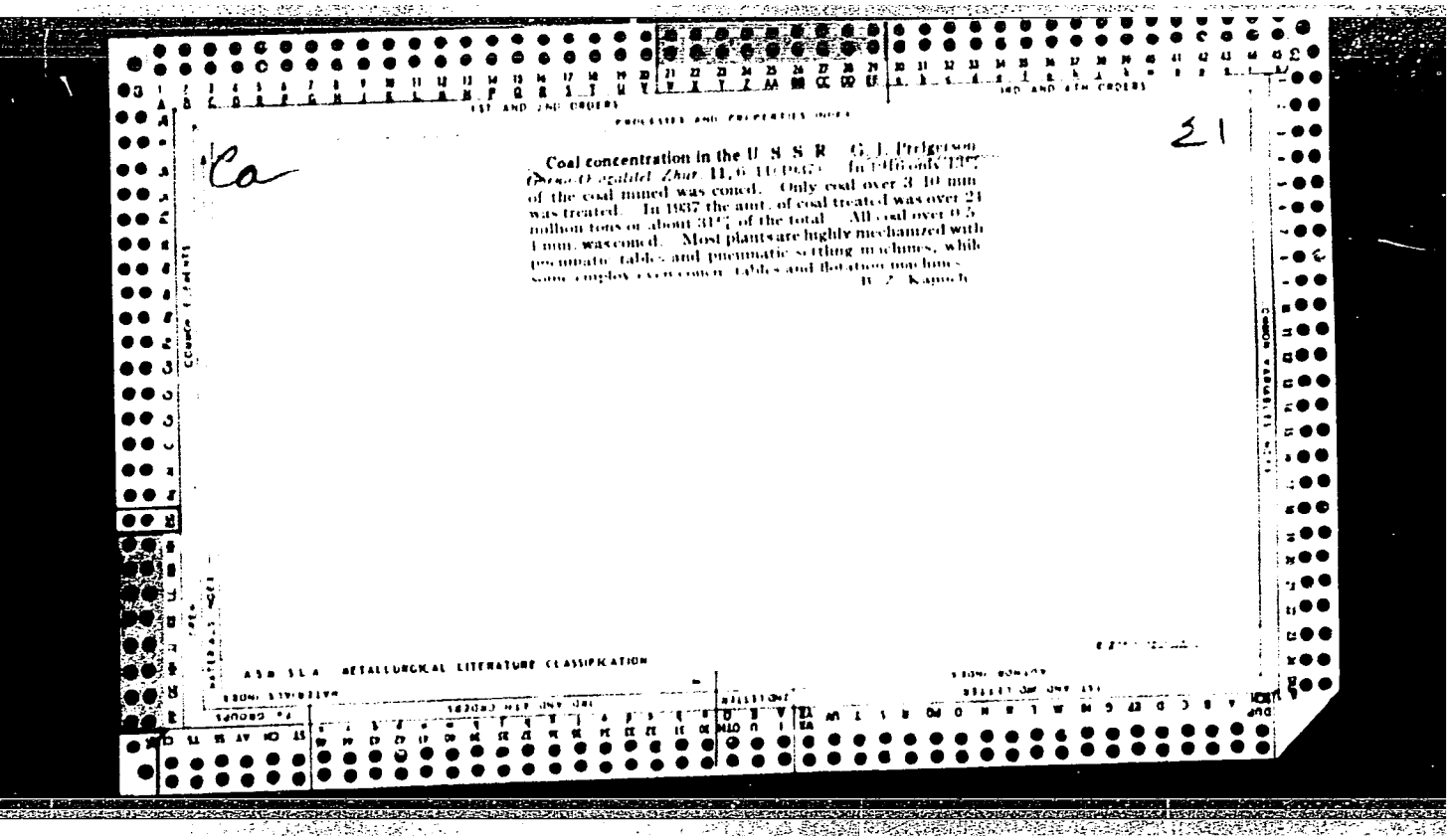

Coal concentration in the U S S R G. I. Pridgeon
Obogashchenie Uglei 11, 6 11(1937) In 1936 only 12%
of the coal mined was concd. Only coal over 3–10 mm
was treated. In 1937 the amt. of coal treated was over 24
million tons or about 31% of the total. All coal over 0.5
1 mm. was concd. Most plants are highly mechanized with
pneumatic tables and pneumatic setting machines, while
some employ electrostatic tables and flotation machines.
B. P. Kapuch

ASM SLA METALLURGICAL LITERATURE CLASSIFICATION

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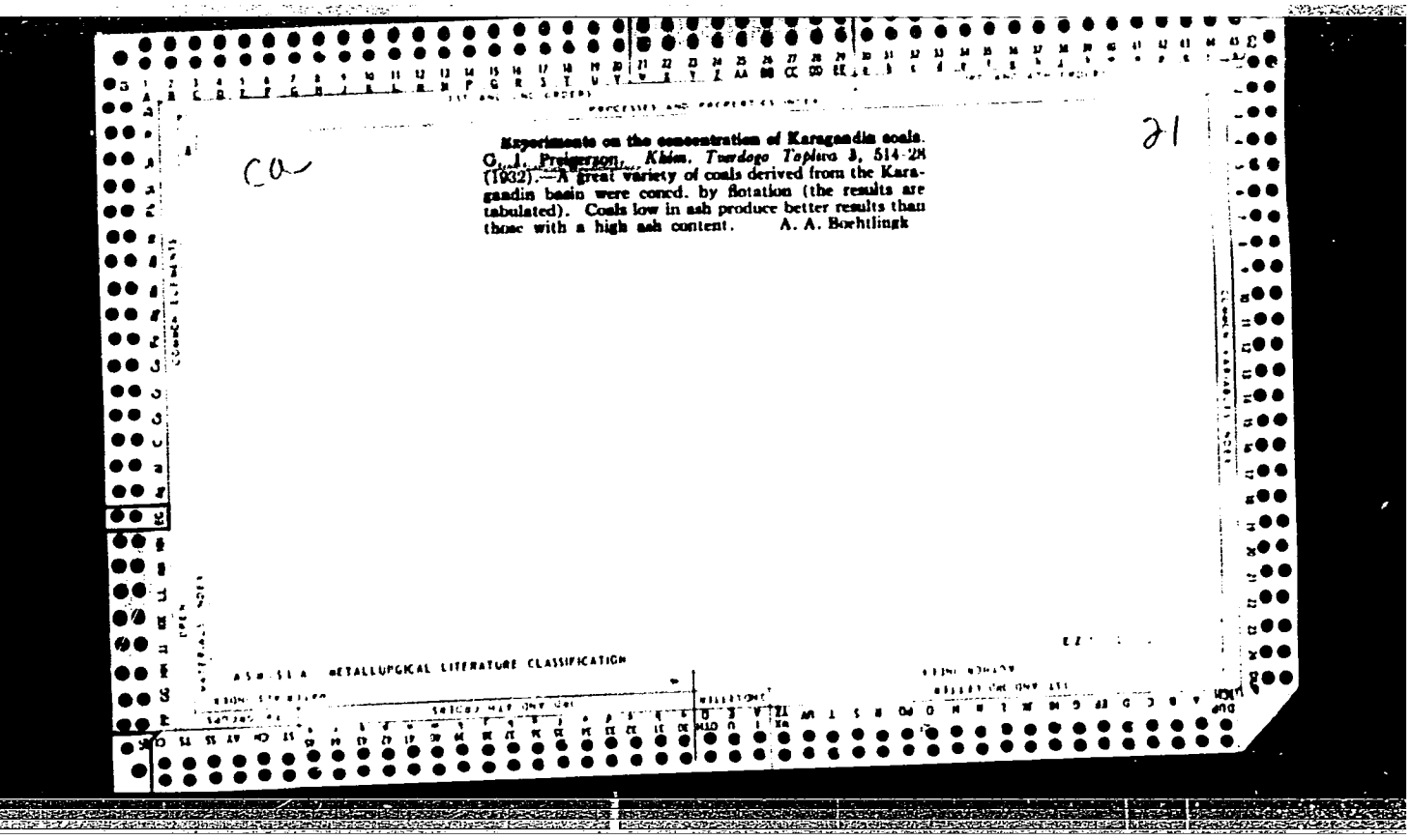
"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342



Experiments on the concentration of Karagandin coals. G. I. Prugerson. *Khim. Tverdogo Topliva* 3, 514-28 (1932).—A great variety of coals derived from the Karagandin basin were concd. by flotation (the results are tabulated). Coals low in ash produce better results than those with a high ash content. A. A. Boehtlingk

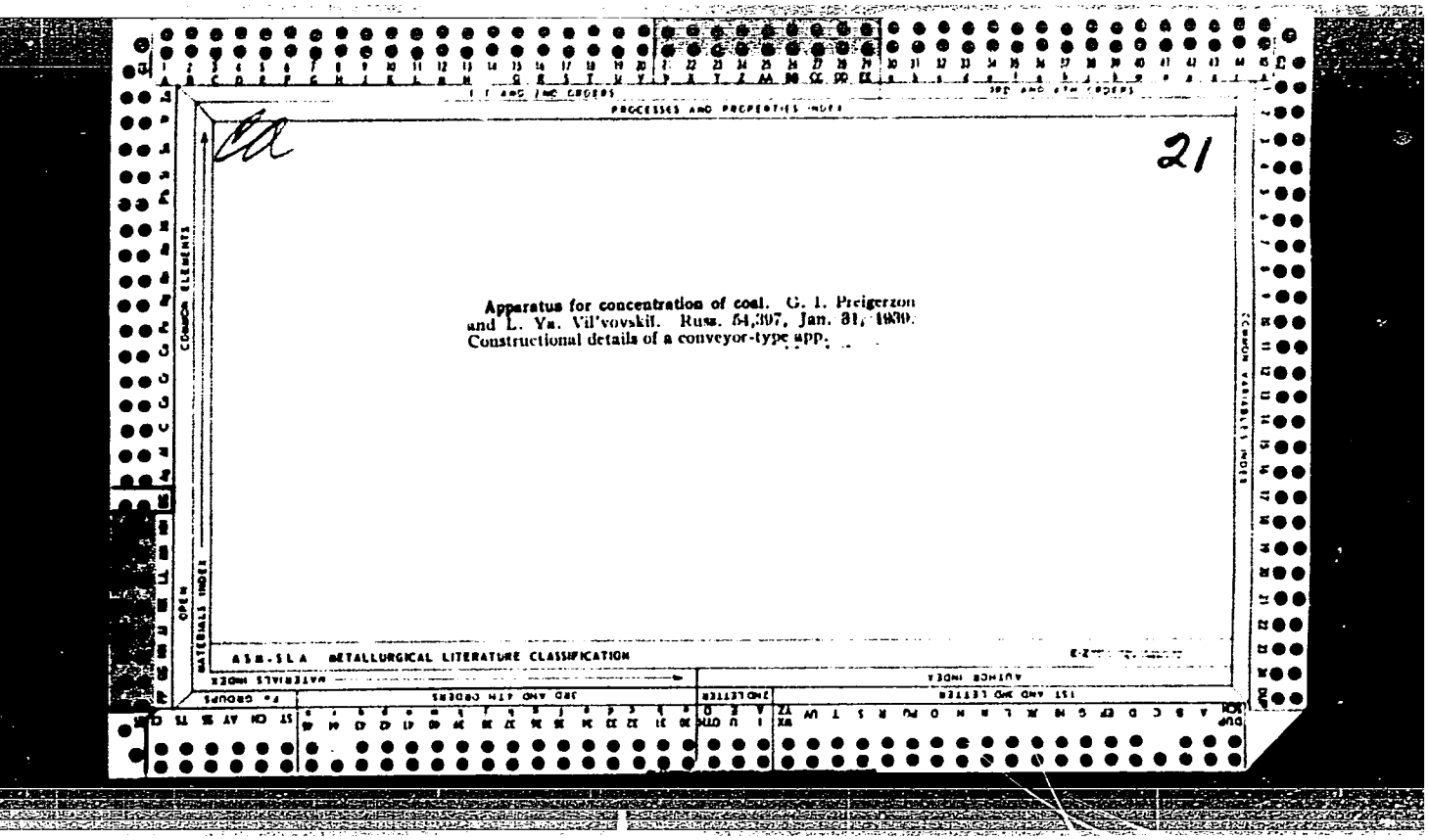
21

CO

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342



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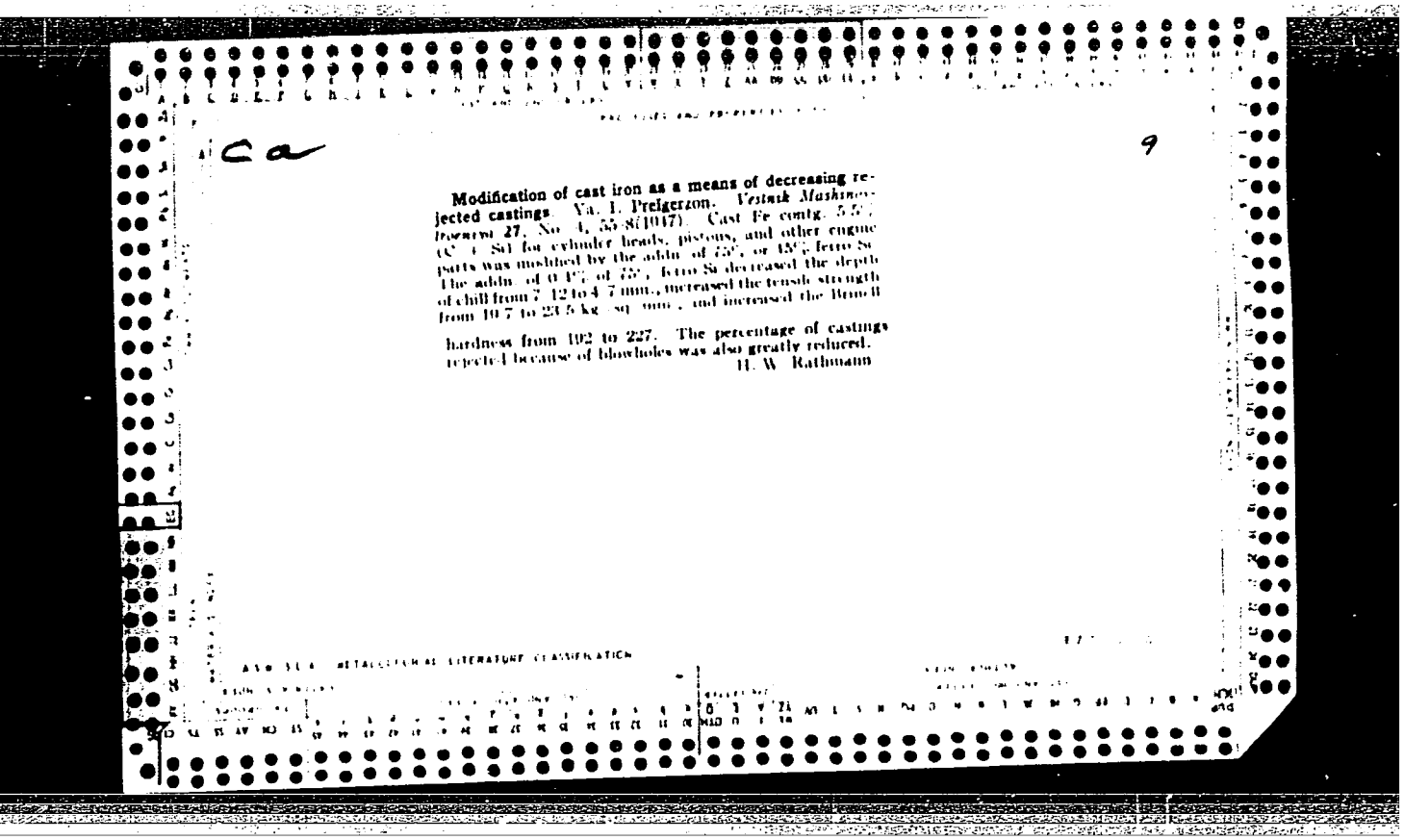
"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342



Ca

9

Modification of cast iron as a means of decreasing rejected castings. Ya. I. Preigerzon. *Vestnik Mashinostroyeniya* 27, No. 4, 55-8(1947). Cast Fe contg. 3.5% C + Si for cylinder heads, pistons, and other engine parts was modified by the addn. of 75%, or 15% ferro Si. The addn. of 0.4% of 75% ferro Si decreased the depth of chill from 7.12 to 4.7 mm., increased the tensile strength from 10.7 to 23.5 kg./sq. mm., and increased the Brinell hardness from 192 to 227. The percentage of castings rejected because of blowholes was also greatly reduced.
H. W. Rathmann

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PREIJAITE, N.

Zagare Park p.7

MUSU GIRIOS (Mislu ukio ir musko pramones ministerija ir Gemtos apsaugos komitetas prie Ministru tarybos)
Vol. 10, Oct. 1959
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PREIMATE, E.

Speed of blood circulation and changes in the peripheral vessels in rheumatism. Latv.PSR Zin.Akad.Vēstis no.2:107-116 '52. (MLRA 6:6)
(Blood - Circulation, Disorders of) (Rheumatism)

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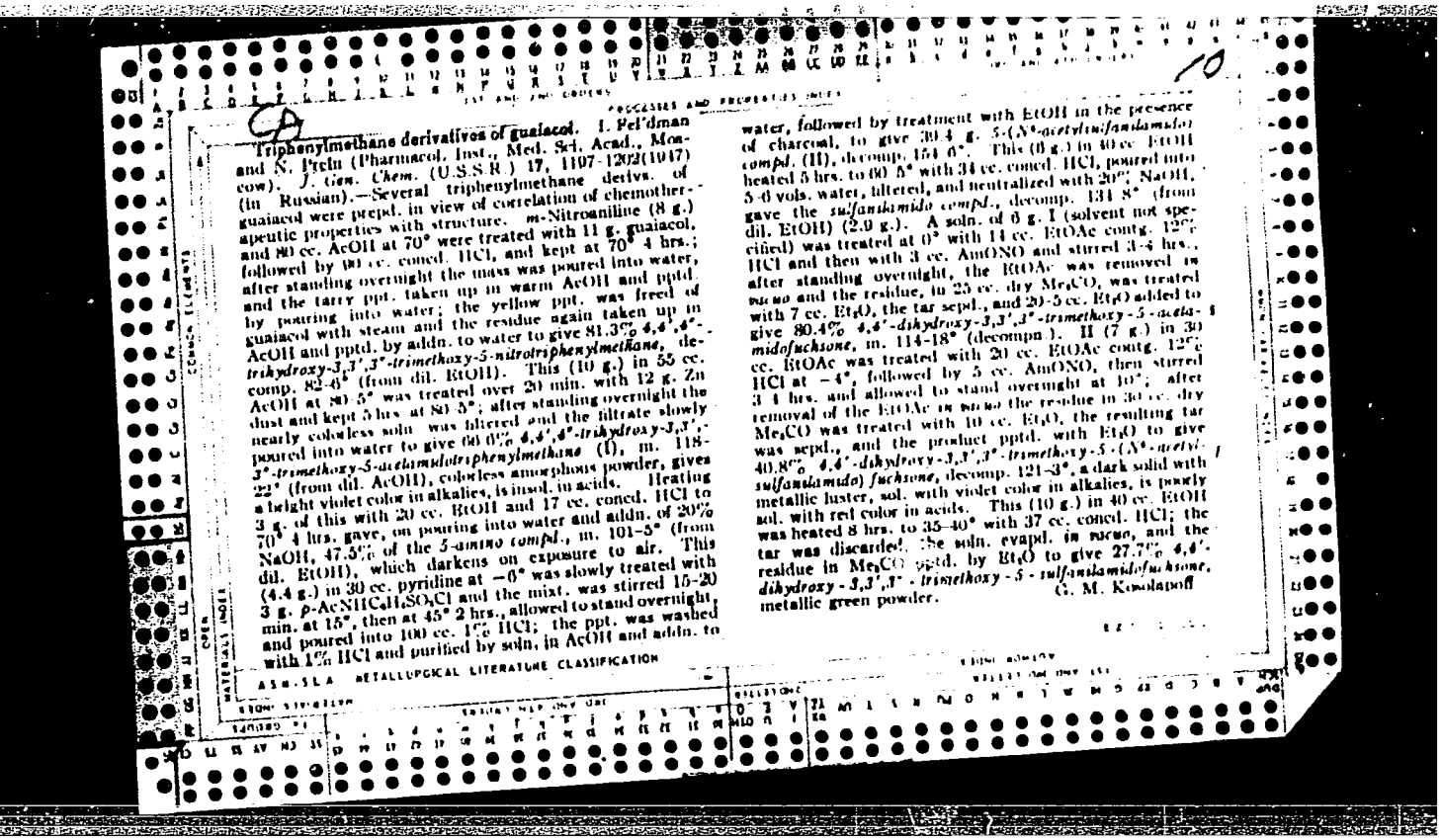

Triphenylmethane derivatives of guaiacol. I. Pel'dman and N. Preln (Pharmacol. Inst., Med. Sci. Acad., Moscow). *J. Gen. Chem.* (U.S.S.R.) 17, 1197-1202(1947) (in Russian).—Several triphenylmethane derivs. of guaiacol were prepd. in view of correlation of chemotherapeutic properties with structure. *m*-Nitroaniline (8 g.) and 80 cc. AcOH at 70° were treated with 11 g. guaiacol, followed by 80 cc. concd. HCl, and kept at 70° 4 hrs.; after standing overnight the mass was poured into water, and the tarry ppt. taken up in warm AcOH and pptd. by pouring into water; the yellow ppt. was freed of guaiacol with steam and the residue again taken up in AcOH and pptd. by addn. to water to give 81.3% *4,4',4''-trihydroxy-3,3',3''-trimethoxy-5-nitrotriphenylmethane*, decomp. 82-6° (from dil. EtOH). This (10 g.) in 55 cc. AcOH at 80-5° was treated over 20 min. with 12 g. Zn dust and kept 5 hrs. at 80-5°; after standing overnight the nearly colorless soln. was filtered and the filtrate slowly poured into water to give 60.0% *4,4',4''-trihydroxy-3,3',3''-trimethoxy-5-acetamidotriphenylmethane* (I), m. 118-22° (from dil. AcOH), colorless amorphous powder, gives a bright violet color in alkalies, is insol. in acids. Heating 3 g. of this with 20 cc. EtOH and 17 cc. concd. HCl to 70° 4 hrs. gave, on pouring into water and addn. of 20% NaOH, 47.5% of the *5-amino compd.*, m. 101-5° (from dil. EtOH), which darkens on exposure to air. This (4.4 g.) in 30 cc. pyridine at −6° was slowly treated with 3 g. *p*-AcNHC$_6$H$_4$SO$_2$Cl and the mixt. was stirred 15-20 min. at 15°, then at 45° 2 hrs., allowed to stand overnight, and poured into 100 cc. 1% HCl; the ppt. was washed with 1% HCl and purified by soln. in AcOH and addn. to water, followed by treatment with EtOH in the presence of charcoal, to give 30.4 g. *5-(N°-acetylsulfanilamido) compd.* (II), decomp. 154-6°. This (8 g.) in 40 cc. EtOH heated 5 hrs. to 60-5° with 34 cc. concd. HCl, poured into 5-6 vols. water, filtered, and neutralized with 20% NaOH, gave the *sulfanilamido compd.*, decomp. 131-8° (from dil. EtOH) (2.9 g.). A soln. of 6 g. I (solvent not specified) was treated at 0° with 14 cc. EtOAc contg. 12% HCl and then with 3 cc. AmONO and stirred 3-4 hrs., after standing overnight, the EtOAc was removed *in vacuo* and the residue, in 25 cc. dry Me$_2$CO, was treated with 7 cc. Et$_2$O, the tar sepd., and 20-5 cc. Et$_2$O added to give 80.4% *4,4'-dihydroxy-3,3',3''-trimethoxy-5-acetamidofuchsone*, m. 114-18° (decompn.). II (7 g.) in 30 cc. EtOAc was treated with 20 cc. EtOAc contg. 12% HCl at −4°, followed by 5 cc. AmONO, then stirred 3-4 hrs. and allowed to stand overnight at 10°; after removal of the EtOAc *in vacuo* the residue in 30 cc. dry Me$_2$CO was treated with 10 cc. Et$_2$O, the resulting tar was sepd., and the product pptd. with Et$_2$O to give 40.8% *4,4'-dihydroxy-3,3',3''-trimethoxy-5-(N°-acetylsulfanilamido) fuchsone*, decomp. 121-3°, a dark solid with metallic luster, sol. with violet color in alkalies, is poorly sol. with red color in acids. This (10 g.) in 40 cc. EtOH was heated 8 hrs. to 35-40° with 37 cc. concd. HCl; the tar was discarded, the soln. evapd. *in vacuo*, and the residue in Me$_2$CO pptd. by Et$_2$O to give 27.7% *4,4'-dihydroxy-3,3',3''-trimethoxy-5-sulfanilamidofuchsone*, metallic green powder.

G. M. Kosolapoff

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PREIMATE, E.

Effect of the mineral water, "Baltija" on gastric secretion and acidity. Vestis Latv ak no.5:159-164 '61.

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PREIN, N. G.

"Synthesis of aminosulphides and aminosulphones. X. Synthesis of p-aminophenyl--ketosulphones." I. Kh. Fel'dman and N. G. Prein. (p. 1651)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1951, Vol 21, No 9.

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